

Rec'd PCT/EP 02 SEP 2004 10/506384

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 03/00423-0

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: A01N 25/02, 25/08, C02F 1/50, 1/76

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: A01N, C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0427418 A1 (NALCO CHEMICAL COMPANY) 15 May 1991 (15.05.91) <i>claims.</i>	1,3-11,14-23
X	EP 0403465 A1 (THE UNIVERSITY OF HOUSTON) 19 December 1990 (19.12.90) <i>claims.</i>	1,3-6,8-11, 14-23
X	US 5688515 A (KUECHLER et al.) 18 November 1997 (18.11.97) <i>claims.</i>	1,4,6,8-11, 14-23
X	WO 2000 64819 A1 (ALBEMARLE CORPORATION) 2 November 2000 (02.11.00) <i>claims.</i>	1,3-6,8-11, 14-23
X	US 6303038 B1 (SANDERS et al.) 16 October 2001 (16.10.01) <i>claims.</i>	1,4-6,8-11, 14-23

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- „A“ document defining the general state of the art which is not considered to be of particular relevance
- „E“ earlier application or patent but published on or after the international filing date
- „L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- „O“ document referring to an oral disclosure, use, exhibition or other means
- „P“ document published prior to the international filing date but later than the priority date claimed
- „T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- „X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- „Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- „&“ document member of the same patent family

Date of the actual completion of the international search
21 May 2003 (21.05.2003)

Date of mailing of the international search report
2 July 2003 (02.07.2003)

Name and mailing address of the ISA/AT
Austrian Patent Office
Dresdner Straße 87, A-1200 Vienna
Facsimile No. 1/53424/535

Authorized officer
KRENN M.
Telephone No. 1/53424/435

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR93/00423-0

Patent document cited in search report				Publication date		Patent family member(s)		Publication date	
EP	A2	3465		08-08-1979		DE	C0 2964240	20-01-1983	
EP	A3	3465		05-09-1979		FR	A1 2415713	24-08-1979	
EP	B1	3465		15-12-1982		FR	B1 2415713	11-09-1981	
EP	A1	427418		15-05-1991		AT	E 87597	15-04-1993	
EP	B1	427418		31-03-1993		DE	C0 69001235	06-05-1993	
						DE	T2 69001235	14-10-1993	
						ES	T3 2055341	16-08-1994	
						US	A 4992209	12-02-1991	
US	A	5688515		18-11-1997		AT	E 92012	15-08-1993	
						AU	A1 59248/90	08-01-1991	
						AU	B2 640153	19-08-1993	
						CA	C 2056379	09-01-2001	
						DE	C0 69002442	02-09-1993	
						DE	T2 69002442	13-07-1995	
						DK	T3 429631	30-08-1993	
						EP	A1 403465	19-12-1990	
						EP	A1 429631	05-06-1991	
						EP	B1 429631	28-07-1993	
						EP	B1 403465	05-01-1994	
						ES	T3 2044603	01-01-1994	
						IL	A0 94743	15-04-1991	
						IL	A1 94743	19-01-1996	
						MX	B 173274	14-02-1994	
						WO	A1 9015780	27-12-1990	
						US	A 5464636	07-11-1995	
						US	A 5476670	19-12-1995	
						US	A 5527547	18-06-1996	
						US	A 5662940	02-09-1997	
						AU	A1 24796/92	05-04-1993	
						IL	A0 102975	31-01-1993	
						MX	A1 9204952	06-05-1993	
						WO	A1 9304987	18-03-1993	
US	BA	6303038		16-10-2001			none		
WO	A1	00064819		02-11-2000		US	A 6110387	29-08-2000	